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Subject: Fw: Battelle plume tracking during CAD cell placement

----- Forwarded by Dave Dickerson/R1/USEPA/US on 03/19/2009 02:36 PM -----

Dave Dickerson/R1/USEPA/US 03/19/2009 02:32 PM		
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	Subject	Battelle plume tracking during CAD cell placement

Kristin, Jay and Chet - I wanted to let you know that we are planning to have our water quality contractor (Battelle) perform some high tech plume tracking during your CAD cell placements. They'll use the ADCP (acoustic dopper current profiler) real time turbidity instrument that has been used - as I understand it - in Boston and Providence lately. We thought it would be a great opportunity to observe how Superfund placements into a CAD would work, to assist in the public outreach for a potential Superfund lower harbor CAD cell (the idea is to do this monitoring during the upper harbor and Packer area placements to best represent Superfund material). Battelle will have two boats mobilized to maximize the ability to find any plume, preferably right inside the CAD cell.

But that begs the question: will there be a silt curtain around the CAD cell that will prevent full mobility of the two Battelle boats?

We'll also need close coordination with the dredgers and Apex so that we can time Battelle's field work to the actual placements.

Let me know if you have any questions - this concept just came up recently and I realized we hadn't notified you folks. We'll obviously share the date with you so you can use it (hopefully!) to further demonstrate that the CAD cell approach works well.

Dave

